

MAL-12A

American Society of Brewing Chemists
MALT CHECK SERVICE

12/31/2013

<i>Sub #</i>	<i>Moisture (%)</i>	<i>% Extract - Fine Ground (D.B.)</i>		<i>% Extract - Coarse Ground (D.B.)</i>		<i>% Fine - Coarse Difference</i>	<i>Conversion Time (min)</i>	<i>Clarity of Wort (visual)</i>	<i>Color of Wort, 1/2" cell (ASBC)</i>	<i>Diastatic Power, Salt Ext. (Deg.)</i>	<i>Alpha-amylase, Salt Ext.</i>	<i>Soluble Protein</i>	<i>Total Malt Protein</i>	<i>Soluble/Total Protein (D.B.)</i>
B 23	5.2	*	82.3	*	81.5	0.8		CLEAR	2.21	131	63.8	5.00	11.4	44.3
B 25	4.7		80.0		79.4	0.6			2.31	183	59.1	5.50	12.0	46.0
B 27	4.3		79.1		78.3	0.8		CLEAR	2.58	200	* 71.0	5.15	12.4	41.6
B 30	4.3		79.4		78.9	0.5		CLEAR	2.29	230	58.8	5.50	12.7	43.2
B 32	4.6		79.7		78.4	1.3			2.10	195	58.6	5.41	12.4	43.8
B 43	4.9		79.9		78.7	1.2	5	HAZY	2.05	177	55.6	5.70	12.3	46.2
B 54	4.6		80.3		79.1	1.3	5	HAZY	2.17	190	59.2	5.54	13.1	42.5
B 109	5.1		80.3					CLEAR	2.31	181	58.0	5.29	12.4	42.7
B 129	4.8		80.4		79.2	1.2	5		2.18	187	57.5	5.32	12.5	42.7
B 180	4.8		80.1		78.9	1.2	5	CLEAR	2.15	177	58.1	5.31	12.0	44.4
B 189	5.1		80.1		78.9	1.2	5	HAZY	2.52	191	61.9	5.46	13.0	41.9
N	11	10		9	10				11	11	10	11	11	11
Mean	4.8	79.9		78.9	1.0				2.26	185.6	59.1	5.38	12.4	43.6
Min	4.3	79.1		78.3	0.5				2.05	131	55.6	5.00	11.4	41.6
Max	5.2	80.4		79.4	1.3				2.58	230	63.8	5.70	13.1	46.2
Std	0.3	0.4		0.4	0.3				0.17	23.4	2.3	0.19	0.5	1.5

* Not Included in Mean

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Sub #	Growth of Acrospires					Screen Assortment				FAN (ppm)	Absolute Viscosity	Turbidity (NTU)	Beta Glucan wort (mg/L)
	0-1/4	1/4-1/2	1/2-3/4	3/4-1	Overgrown	On 7/64"	On 6/64"	On 5/64"	Thru 5/64"				
B 23						* 71.3	23.7	4.8	0.2	* 164.0		4.0	72
B 25	2	2	2	88	6	59.8	32.6	6.8	0.8	222.0	1.49	9.0	117
B 27						52.9	40.8	5.4	0.9	220.0	1.49	13.4	184
B 30	0	0	2	84	14	60.8	28.9	9.3	1.0	245.0	1.51	10.7	139
B 32						53.1	37.2	9.5	0.2	204.0		22.0	146
B 43	1	2	3	92	2	58.0	33.5	7.2	1.3	207.0	1.49	17.8	106
B 54										217.0	1.47	12.5	133
B 109	0	2	4	* 66	28	61.1	32.7	5.5	0.7	228.0	1.48		120
B 129	0	1	5	85	9	57.7	35.0	6.6	0.7	219.0	1.50	13.3	131
B 180	0	1	3	92	4	58.7	33.7	6.8	0.8	208.0	1.50	8.0	111
B 189										208.0	1.49	24.0	115
N	6	6	6	5	6	8	9	9	9	10	9	10	11
Mean	0.5	1.3	3.2	88.2	10.5	57.8	33.1	6.9	0.7	217.8	1.49	13.5	124.9
Min	0.0	0.0	2.0	84.0	2.0	52.9	23.7	4.8	0.2	204.0	1.47	4.0	72.0
Max	2.0	2.0	5.0	92.0	28.0	61.1	40.8	9.5	1.3	245.0	1.51	24.0	184.0
Std	0.8	0.8	1.2	3.8	9.5	3.2	4.8	1.6	0.4	12.3	0.01	6.2	27.9

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